

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011010.D
 Acq On : 19 Oct 2022 15:06
 Operator : KP/MD
 Sample : N5171-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-101722

Quant Time: Oct 20 05:14:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

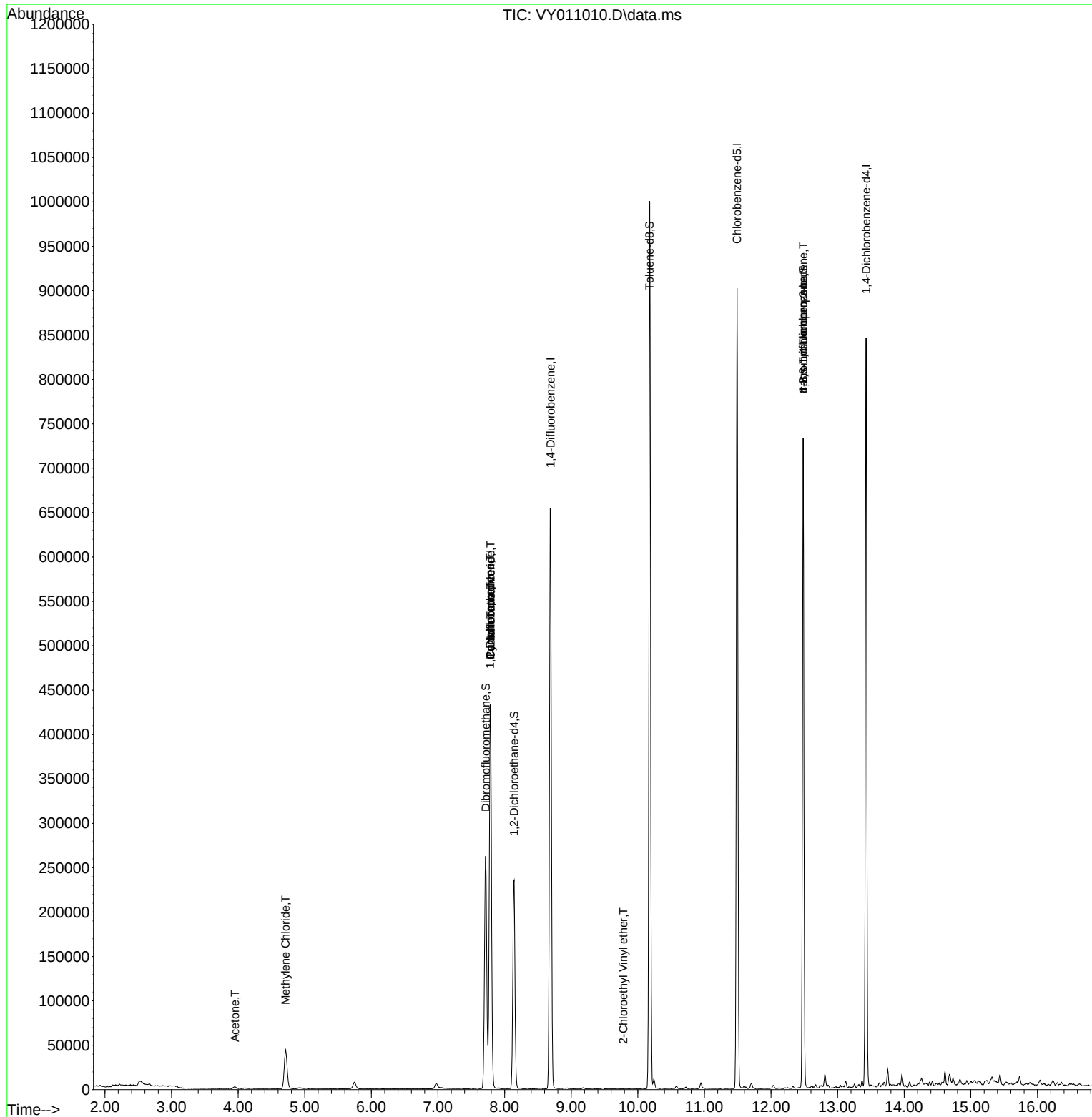
Internal Standards						
1) Pentafluorobenzene	7.789	168	346670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	584188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	497623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	216350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	184664	57.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.660%			
35) Dibromofluoromethane	7.716	113	189256	58.483	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.960%			
50) Toluene-d8	10.179	98	651700	53.427	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.860%			
62) 4-Bromofluorobenzene	12.483	95	219412	50.831	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.660%			
Target Compounds						
11) Tert butyl alcohol	4.924	59	851	Below Cal	#	77
16) Acetone	3.954	43	3917	4.224	ug/l	96
18) Methyl Acetate	4.478	43	496	Below Cal	#	56
20) Methylene Chloride	4.710	84	34192	2.453	ug/l	85
31) Cyclohexane	7.789	56	7007	1.147	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	26231	4.823	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	34371	6.123	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	9.782	63	27	16.972	ug/l	# 48
76) 1,2,3-Trichloropropane	12.483	75	109842	44.719	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	109842	96.178	ug/l	# 7

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N5171-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

Quant Time: Oct 20 05:14:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

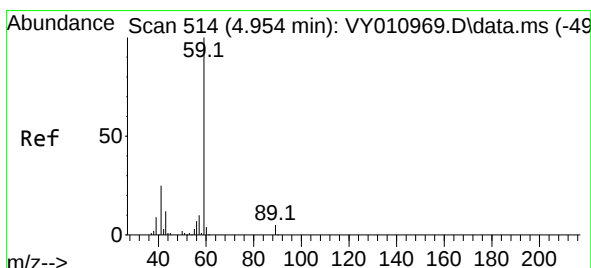
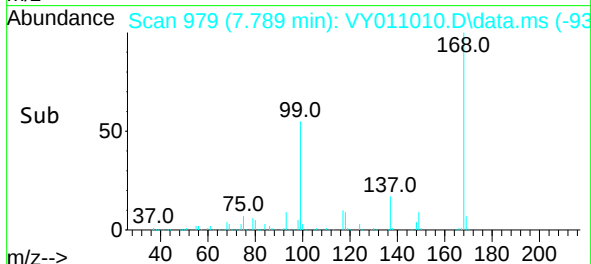
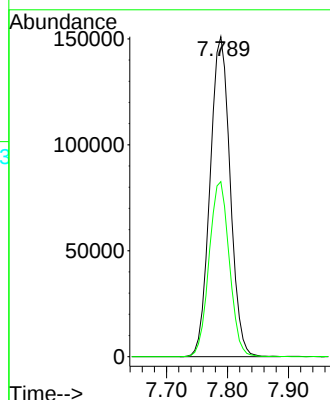
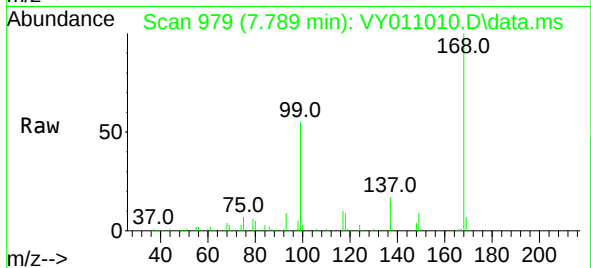




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

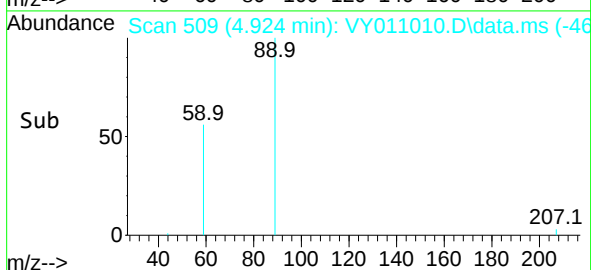
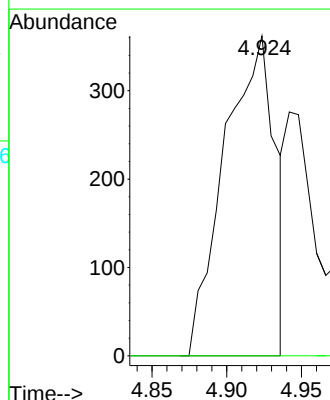
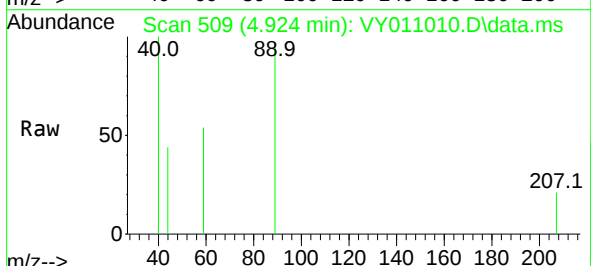
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

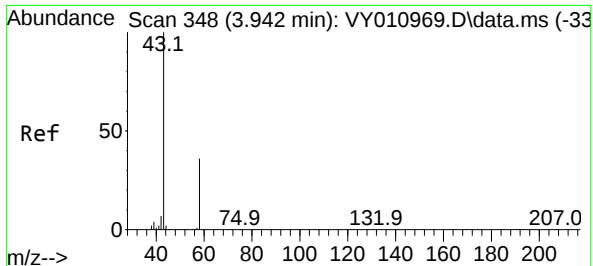
Tgt Ion:168 Resp: 346670
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion: 59 Resp: 851
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

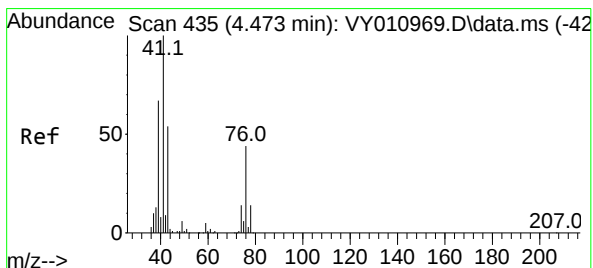
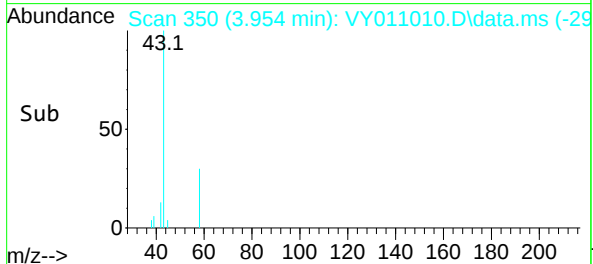
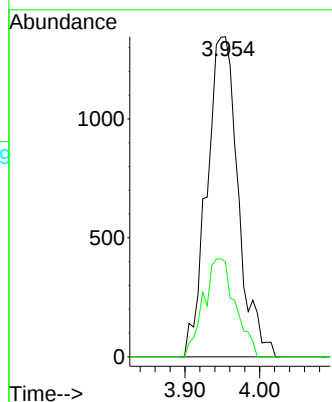
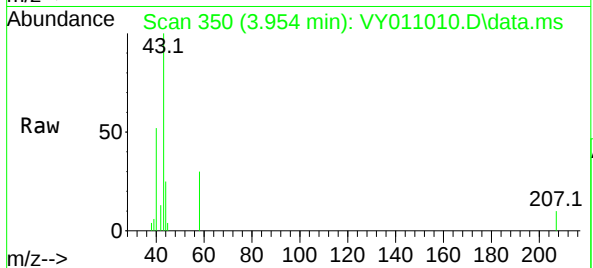




#16
Acetone
Concen: 4.224 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

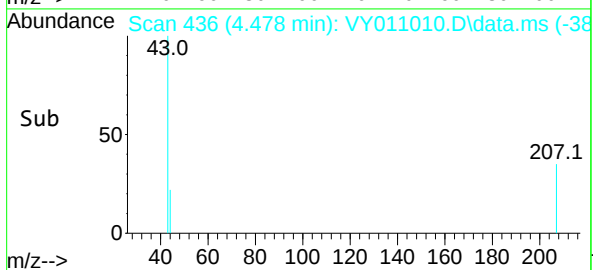
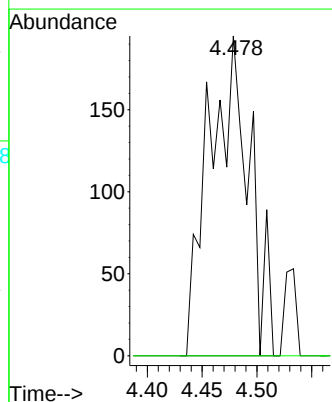
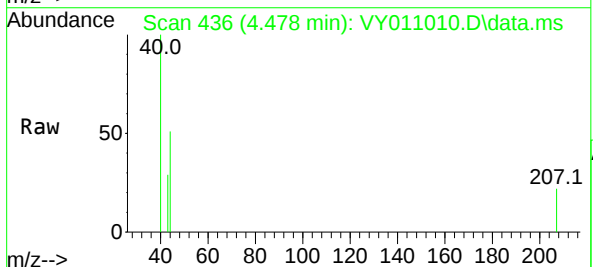
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

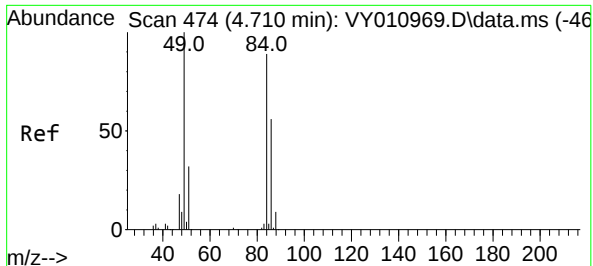
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

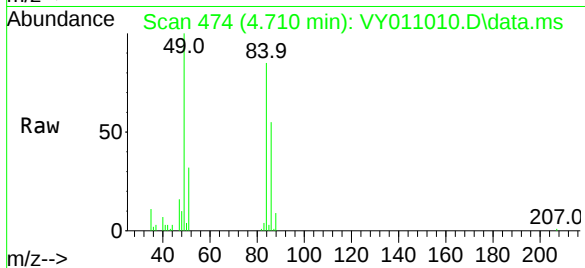
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





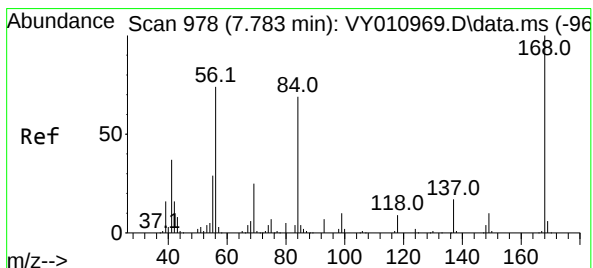
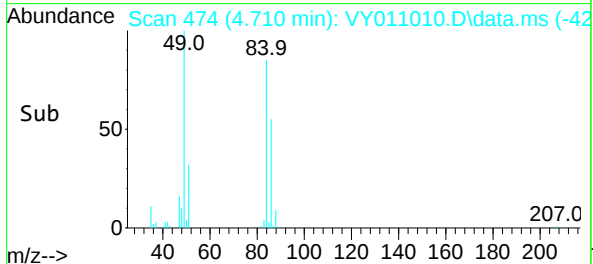
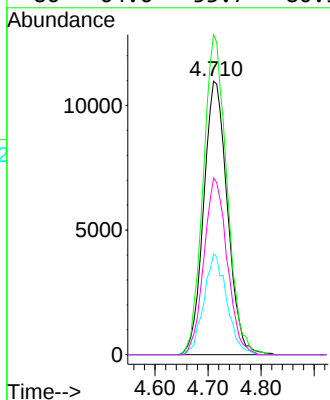
#20
Methylene Chloride
Concen: 2.453 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722



Tgt Ion: 84 Resp: 34192

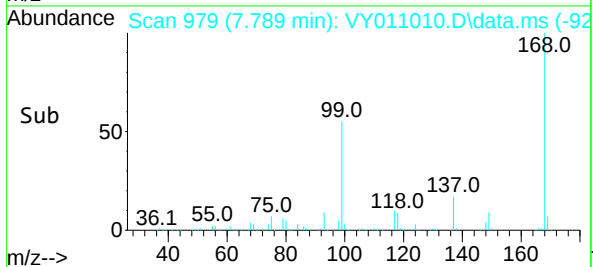
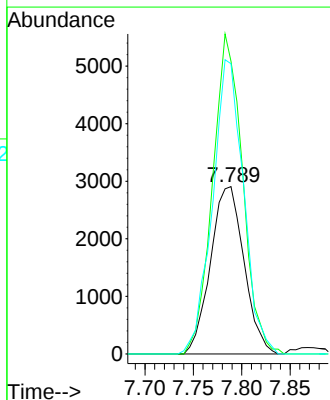
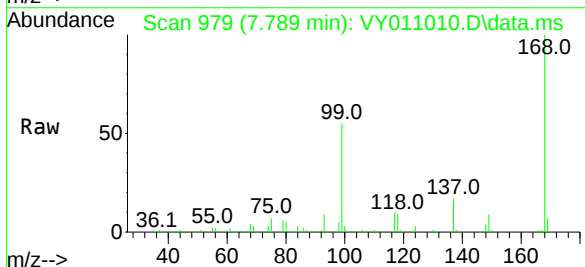
Ion	Ratio	Lower	Upper
84	100		
49	117.0	114.4	171.6
51	36.9	35.3	52.9
86	64.6	53.7	80.5

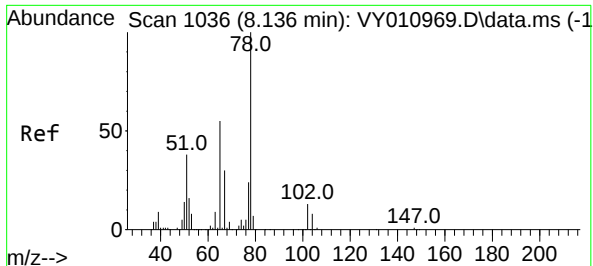


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion: 56 Resp: 7007

Ion	Ratio	Lower	Upper
56	100		
69	174.8	26.7	40.1#
84	173.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.828 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011010.D

Acq: 19 Oct 2022 15:06

Instrument :

MSVOA_Y

ClientSampleId :

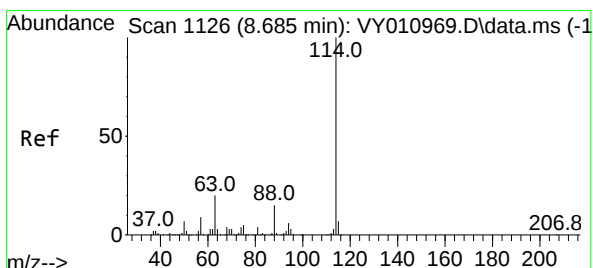
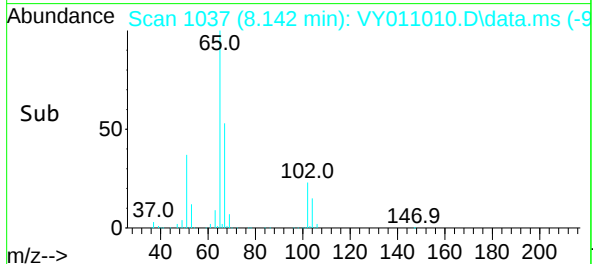
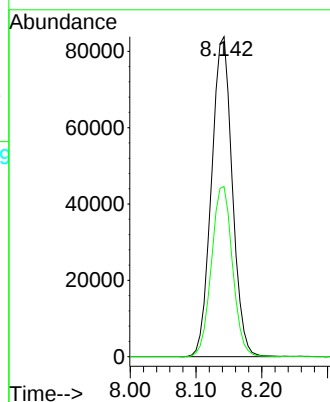
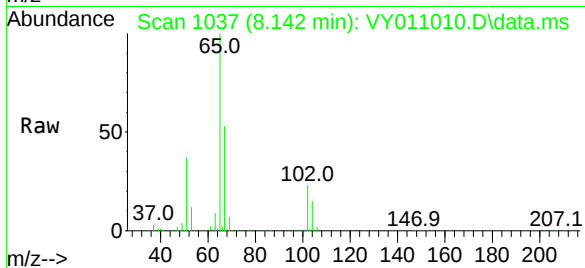
NB-08-101722

Tgt Ion: 65 Resp: 184664

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011010.D

Acq: 19 Oct 2022 15:06

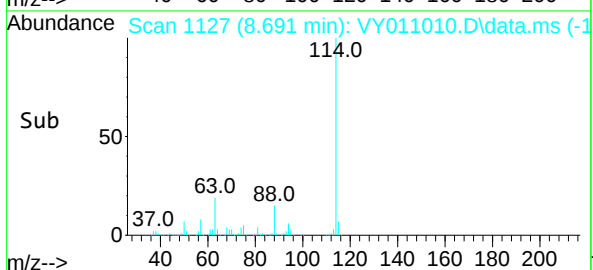
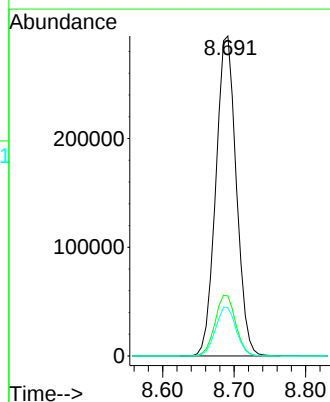
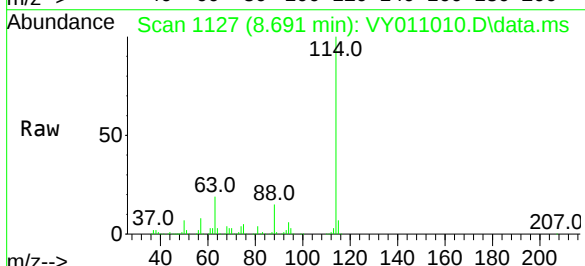
Tgt Ion: 114 Resp: 584188

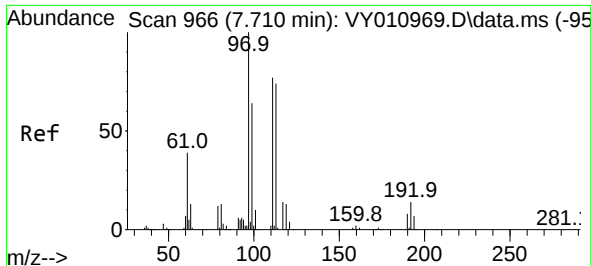
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.0 0.0 31.8

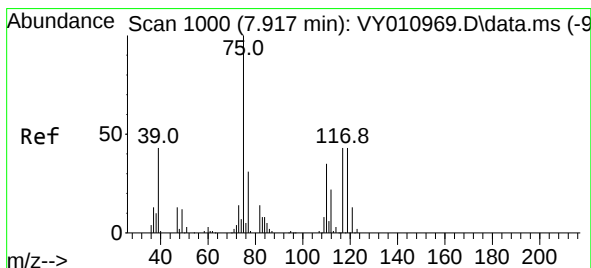
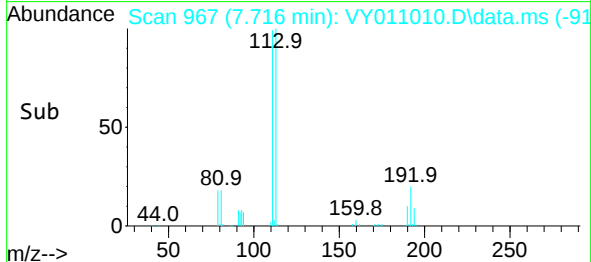
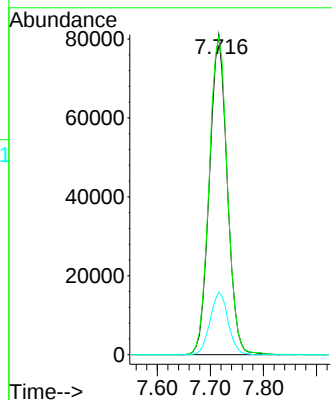
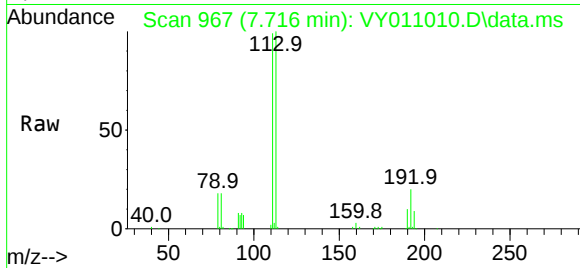




#35
Dibromofluoromethane
Concen: 58.483 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

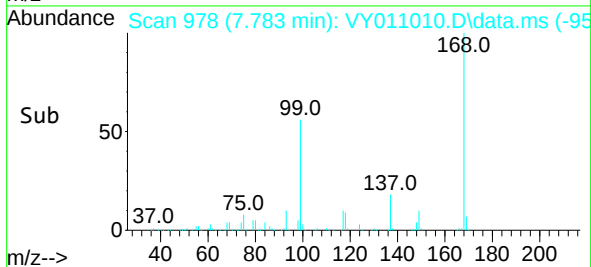
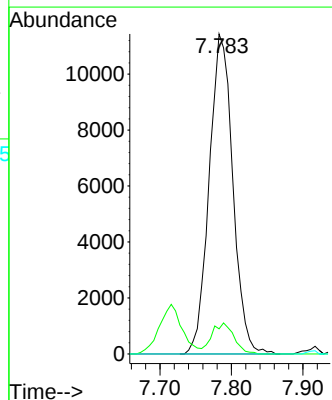
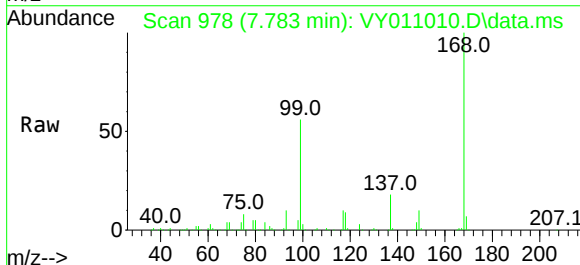
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

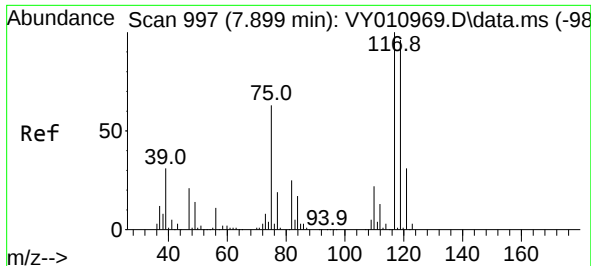
Tgt Ion:113 Resp: 189256
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

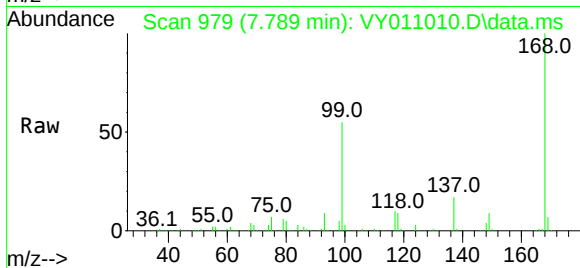
Tgt Ion: 75 Resp: 26231
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



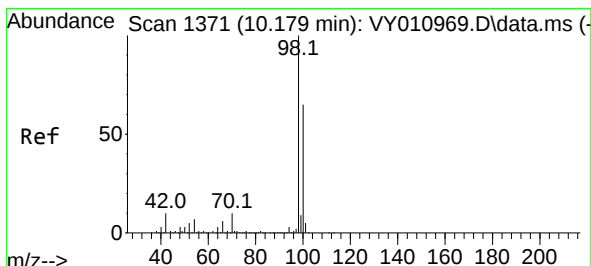
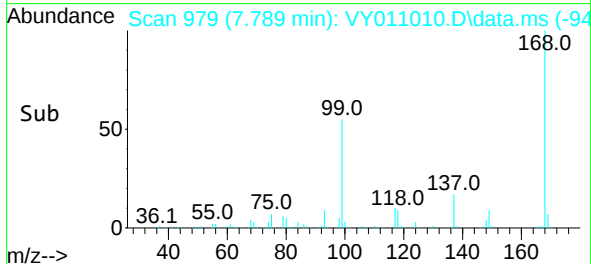
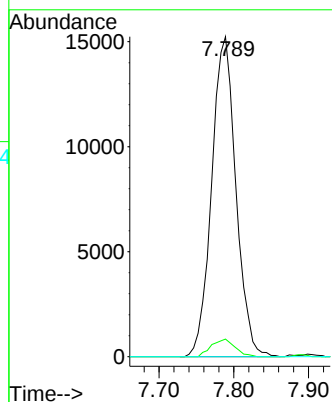


#38
Carbon Tetrachloride
Concen: 6.123 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

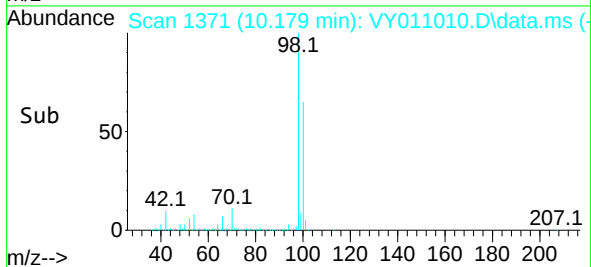
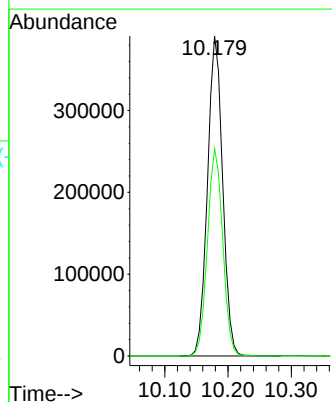
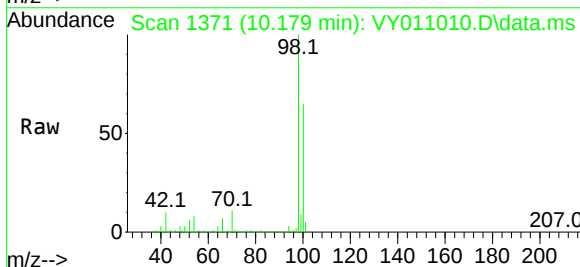


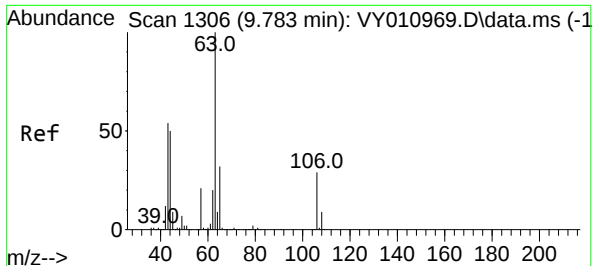
Tgt Ion:117 Resp: 34371
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.427 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion: 98 Resp: 651700
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

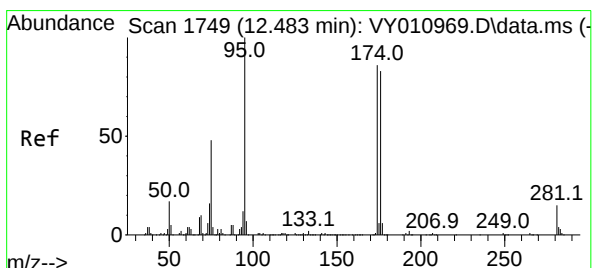
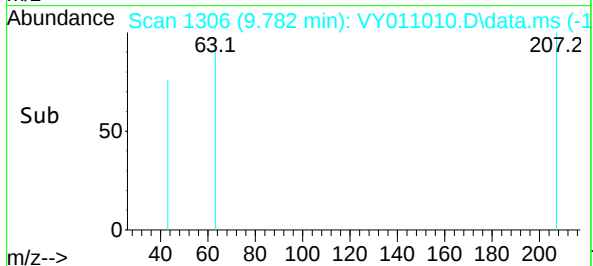
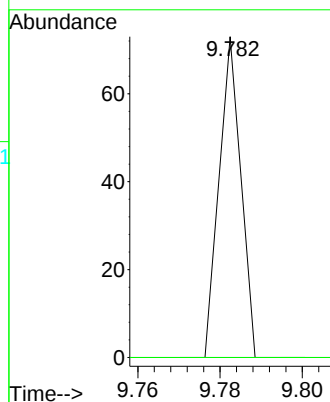
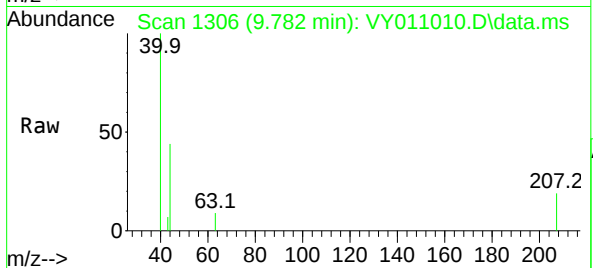




#58
2-Chloroethyl Vinyl ether
Concen: 16.972 ug/l
RT: 9.782 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

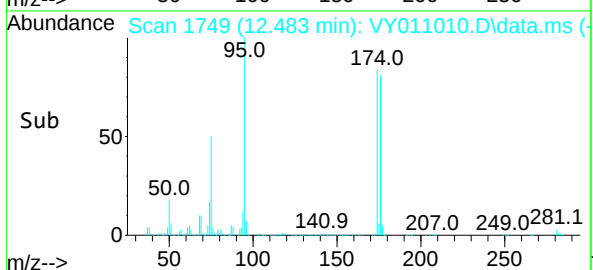
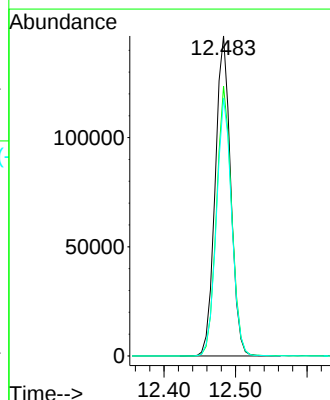
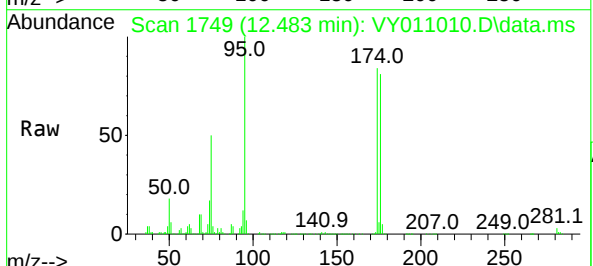
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

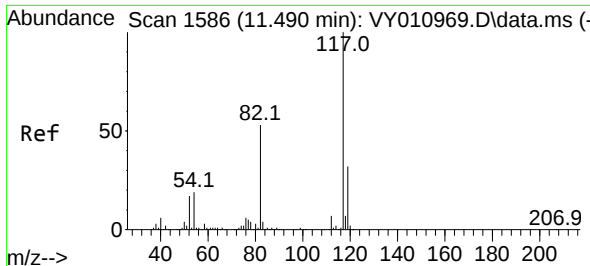
Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 50.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion: 95 Resp: 219412
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 79.8 0.0 175.8

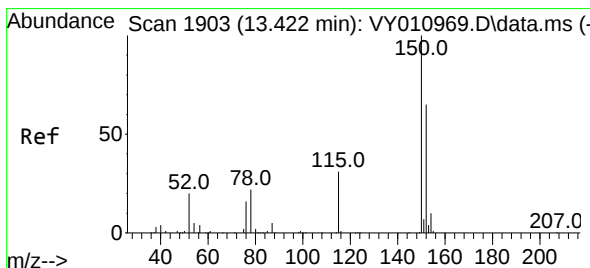
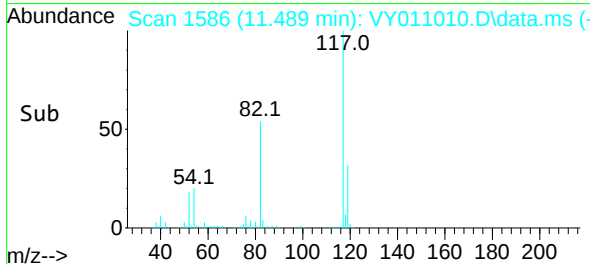
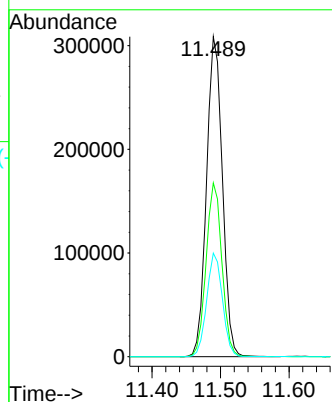
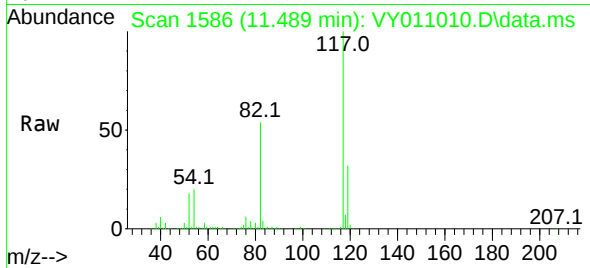




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

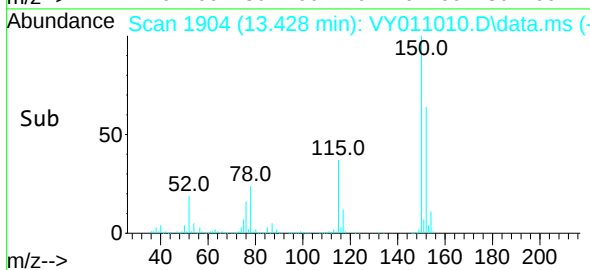
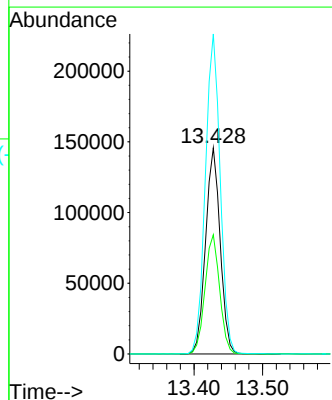
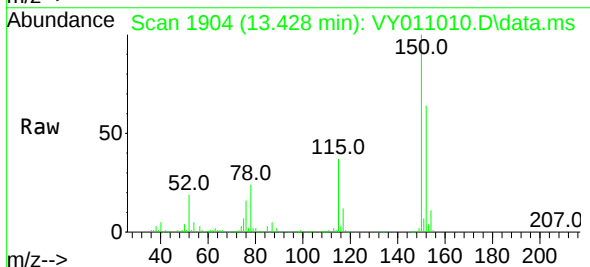
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

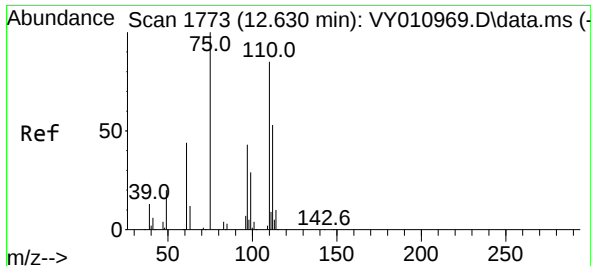
Tgt Ion:117 Resp: 497623
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion:152 Resp: 216350
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.8 0.0 347.6

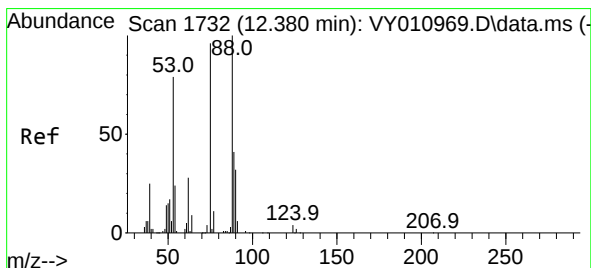
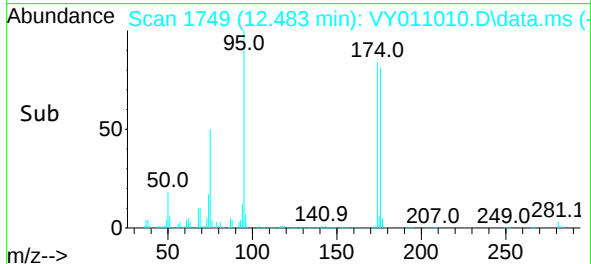
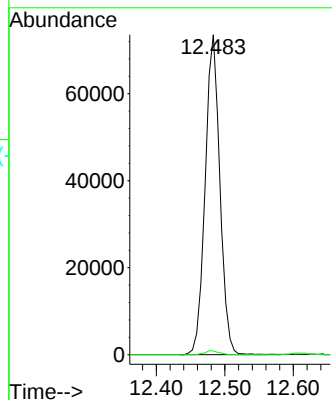
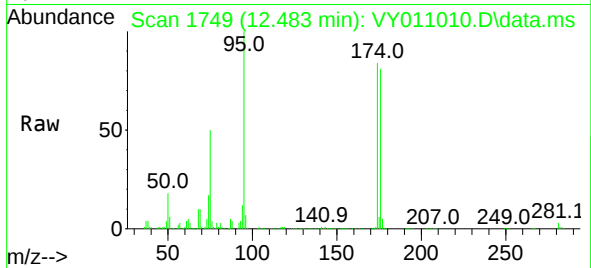




#76
1,2,3-Trichloropropane
Concen: 44.719 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

Tgt Ion: 75 Resp: 109842
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion: 75 Resp: 109842
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

